

USG DONN® BRAND DX®/DXL™ ACOUSTICAL SUSPENSION SYSTEM



FEATURES AND BENEFITS

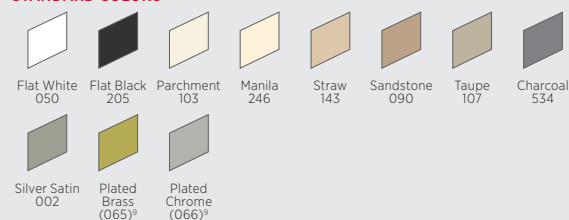
- 15/16" exposed tee system. Components for use in general and fire-rated applications.
- Maximum economy and design simplicity.
- Compatible with USG Logix™ Integrated Ceiling System.
- USG DXL™ system features more than 80 UL designs (up to three hours).
- Cross-tee override-ends resist twisting and give a professionally finished look.
- Meets or exceeds all national code requirements, including seismic.
- Proprietary Quick-Release™ cross tees.
- High recycled content (HRC) available.
- ICC-ES evaluated for seismic installations (ESR-1222).
- USG Donn® Brand DX™/DXL™ Acoustical Suspension System is part of the Ecoblueprint™ portfolio — meeting today's sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

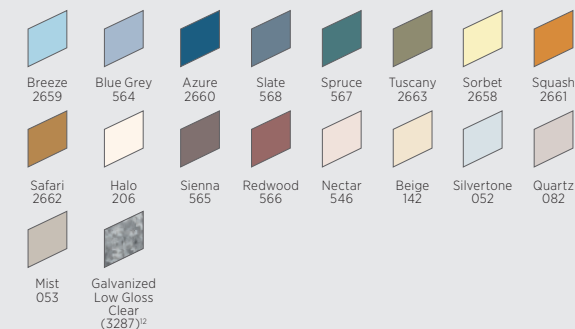
- Fire-rated Interior General-use Areas
- USG Logix™ Integrated System

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

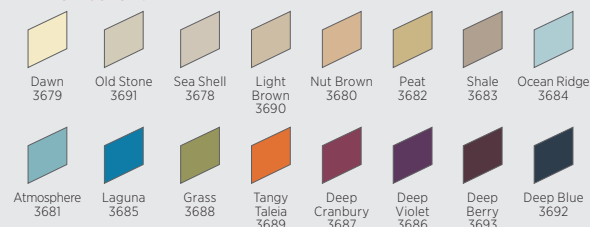
STANDARD COLORS⁴



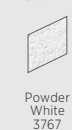
ADVANTAGE COLORS⁴



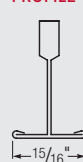
PREMIUM COLORS



POWDER-COATED FINISH



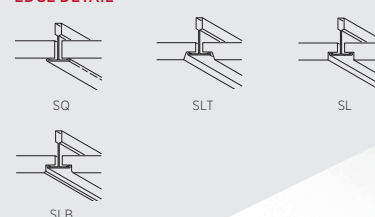
PROFILE



CUSTOM COLORS AVAILABLE



EDGE DETAIL



USG DONN® BRAND DX®/DXL™ ACOUSTICAL SUSPENSION SYSTEM

ORDER SAMPLES/LITERATURE
USG: usg.com or samplitt@usg.com
CGC: contact Sales Representative

TECHNICAL SERVICES
800.USG.4YOU (874-4968)

FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
AND LEED REPORT TOOL
usgdesignstudio.com
cgcdesignstudio.com
usg.ecomedes.com

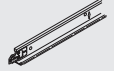


Declare® Labels on select finishes, see usg.ecomedes.com for more details and documentation.

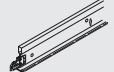
15/16" TEE SYSTEM¹⁰



Cross Tee 1"



Cross Tee 1-1/2"



MOLDING



| ASTM Class | Length | Height | Item No. | Fire Class ³ | Color ^{4,9} | Seismic Design Category ¹³ | | | Rated Load ² | | | | | |
|-------------------|-----------------------------------|--|------------------------|--|--|---------------------------------------|-------------------------------|-------------------|-------------------------|--------------------------------|---------|--|---------|--|
| | | | | | | IBC | ICC-ES Evaluated Installation | 4' Hanger Spacing | 5' Hanger Spacing | 6' Hanger Spacing ⁸ | | | | |
| Intermediate Duty | 12' 3600 mm | USG 1.64" (42 mm) | DX24 | Class A | Flat White Standard Advantage | A-C | 7/8" Molding ACM7 Clip | 12 lb./LF | 6.3 lb./LF | 3.7 lb./LF | | | | |
| | | | DXL24 | | | | | | | | | | | |
| | | | DXL24HRC | | | | | | | | | | | |
| Heavy Duty | 12' 3600 mm | USG 1.64" (42 mm) | DXL26 | Class A | Flat White Standard Advantage | A-F | 7/8" Molding ACM7 Clip | 16 lb./LF | 8.4 lb./LF | 5 lb./LF | | | | |
| | | | DXL26HRC | | | | | | | | | | | |
| | | | DXL26HRC | | | | | | | | | | | |
| | 2' 600 mm | USG 1" (25 mm) | DX216 | Class A | Flat White, Standard, Advantage, and Premium | | | | | | | | | |
| | | | DXL216 | | | | | | | | | | | |
| | | | DXL216HRC | | | | | | | | | | | |
| | CGC 1" (25 mm) | DX/DXL216 | Class A | Flat White, Standard, Advantage, and Premium | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | 20" 30" 3' 4' 1200 mm | USG 1-1/2" (38 mm) | DX2016 | Class A | Flat White, Standard, Advantage, and Premium | | | | | | | | | |
| | | | DX3016 | | | | | | | | | | | |
| | | | DX324 | | | | | | | | | | | |
| | | | DXL424 | | | | | | | | | | | |
| | | | DXL424HRC | | | | | | | | | | | |
| | | | DX/DXL424 | | | | | | | | | | | |
| | | | DX422 ^{5,7,9} | | | | | | | | Class A | Flat White, Standard, Advantage, and Premium | | |
| | | | DX422HRC ⁵ | | | | | | | | | | | |
| | | | DX416 | | | | | | | | | | Class A | Flat White, Standard, Advantage, and Premium |
| | | | DX426 HD | | | | | | | | | | | |
| DXL524 | Class A | Flat White, Standard, Advantage, and Premium | | | | | | | | | | | | |
| DX624 | | | Class A | Flat White, Standard, Advantage, and Premium | | | | | | | | | | |
| DX824 | Class A | Flat White, Standard, Advantage, and Premium | | | | | | | | | | | | |

| Wall Angle | Length | Item No. | Color | Wall Angle | Length | Item No. | Color |
|------------|----------------|------------------|----------------------------------|------------|----------------|----------|--|
| | 12' 3600 mm | M7 | Standard Advantage Premium | | 12' 3600 mm | MS125 | Flat White Standard Advantage Premium |
| | 10' 3000 mm | M18 | Standard Advantage Premium | | 12' 3600 mm | MS174 | Standard Advantage Premium |
| | 10' 3000 mm | M20SM-2 | Standard Advantage Premium | | | MS174HRC | Standard Advantage Premium |
| | 10' 3000 mm | M20 ⁵ | Standard Advantage Premium | | | | |

Low Emissions (VOC)

Certified for low emitting performance, meets CDPH 01350 v1.2 - 2017. Certificates of Compliance for Low VOC Emissions are available on usg.com and at usg.ecomedes.com.

High Recycled Content

USG classifies High Recycled Content as greater than 50%. Methodology of calculation based on FTC guidelines.

Firecode®

PHYSICAL DATA

Product literature and samples

USG Logix™ system guide: IS268
USG Logix™ architectural design guide: IS287
USG Logix™ critical system dimensions: IS609
Sample flat white—seismic: 271370,
Sample flat white: 215673,
Sample main tee: 206563,
Sample flat black: 205100

Material

Min. G30 hot-dipped galvanized steel body and cap. Baked-on polyester paint.

Installation

Install according to ASTM C636, ASTM E580, Cisca and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

Online tools

usgdesignstudio.com, cgcdesignstudio.com
usg.ecomedes.com

ICC Evaluation Report for Code Compliance

See ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use in seismic design categories A through F. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

ASTM Load Compliance

Classified as Light, Intermediate or Heavy Duty per ASTM C635 when tested and evaluated in accordance with ASTM E3090 and AC308.

Notes

- All USG main tees, cross tees and main tee-hanger wire connections meet AC 368 and ASTM E580 requirements for tension and compression strength, as tested per ASTM E3090.
- Rated Load expressed in lb./LF based on simple span tests in accordance with ASTM E3090 with deflection limit of L/360. Duty rating is assigned based on rated load per ASTM C635.
- UL fire-rated listing, labeling and follow-up applies only to fire-rated components.
- Color program for imperial only. Consult Customer Service for custom color and metric-tee colors. Upcharges apply to Standard and Advantage colors.
- Non-fire-rated only.
- Non-fire-rated applications may mix USG DX® and DXL™ parts.
- Panels must be specified to be field-cut and field-revealed and to provide widest possible lay-on edge.
- For USG DXL™, channel moldings are also acceptable in some designs. Check *UL Fire Resistance Directory* for molding options.
- Brass and chrome available on limited items.
- Metric sizes listed are available with standard lead times. Other metric sizes available by RTQ.
- Non-Fire Rated DX424 offered for West Coast customers only.
- Galvanized Low Gloss Clear is available in USG Donn® Brand DX® / USG Donn® Brand DXL™ Acoustical Suspension System only.
- Seismically tested and evaluated in accordance with ASTM E3118 and AC156.

Notice

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AC3167/rev. 7-25

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

